

ABSTRACT OF THE DISCLOSURE

An input signal V_a is compared with a limitation signal V_{lim} . When the input signal V_a exceeds the limitation signal V_{lim} , an excess $(V_a - V_{lim})$ is obtained as an excess signal V_{ext} . In a signal output circuit 60, the excess signal V_{ext} is subtracted from the input signal V_a and an output signal V_o is sent.